

CLAIMS

1. A method for manufacturing hearing aids, whereby parts made of different materials are assembled,

characterized in that

at least two of the parts are combined by two- or multi-component injection molding and are jointly assembled to other parts.

2. Method as claimed in claim 1, characterized in that -- in the form of one of the parts -- at least a portion of the housing is manufactured by two- or multi-component injection molding.

3. Method as claimed in either of claims 1 and 2, characterized in that one of the parts is manufactured by two- or multi-component injection molding in the form of a seal, preferably being at least a housing portion and a seal.

4. Method as claimed in one of claims 1 through 3, characterized in that one of the parts is manufactured by two- or multi-component injection molding in the form of an acoustic conductor situated at the output of an electromechanical transducer of the hearing aid.

5. Method as claimed by one of claims 1 through 4, characterized in that one of the parts is manufactured by two- or multi-component injection molding in the form of an acoustic conductor at the input of an acousto-electric transducer.

6. Method as claimed in one of claims 1 through 5, characterized in that a seat for parts of the hearing aid is manufactured by two- or multi-component injection molding in the hearing-aid housing, preferably jointly with at least a portion of said housing.

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7. Method as claimed in one of claims 1 through 6, characterized in that a rim portion of a feedthrough aperture of the housing is manufactured by two- or multi-component injection molding preferably jointly with at least a portion of the housing.

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8. Method as claimed in one of claims 1 through 7, characterized in that on the outside of a housing portion a predetermined surface zone is jointly manufactured with the housing portion by two- or multi-component injection molding, preferably as a design element and/or a palpable surface zone acting as a control element at the hearing aid.

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9. A hearing aid assembled from several parts, characterized in that at least two of the parts are jointly manufactured from different materials by two- or multi-component injection molding.

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10. Hearing aid as claimed in claim 9, characterized in that one part is a portion of the hearing aid housing.

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11. Hearing aid as claimed in either of claims 9 and 10, characterized in that one of the parts is a seal and preferably the second part is at least a portion of the housing.

12. Hearing aid as claimed in one of claims 9 through 11, characterized in that the one part is an acoustic conductor at the output of an electro-mechanical transducer of the hearing aid.

13. Hearing aid as claimed in one of claims 9 through 12, characterized in that one of the parts is an acoustic conductor at the input of an acousto-electric transducer of the hearing aid.

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14. Hearing aid as claimed in one of claims 9 through 13, characterized in that the housing comprises at least one seat for a further part of the hearing aid, preferably for an electro-mechanical transducer of the hearing aid and in that said seat is jointly manufactured with a further part, preferably a portion of the housing, by two- or multi-component injection molding.

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15. Hearing aid as claimed in one of claims 9 through 14, characterized in that the housing is fitted with a feedthrough aperture for an operation control means, preferably a switching means, and in that the feedthrough rim zone is one of the parts, preferably the housing and/or the control element being the second of the parts.

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16. Hearing aid as claimed in one of claims 9 through 15, characterized in that surfaces zones constituted of another material are manufactured as adjoining housing zones at the housing outside and in that they are produced jointly with said housing zones by two- or multi-component injection molding.

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